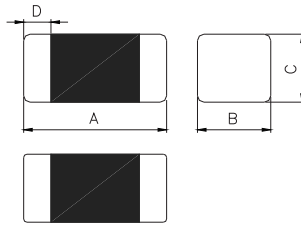


Multilayer Ferrite Chip Inductors

FCI 1608 Series (0603 inch)



■ Dimensions



Chip Size		
A	1.60±0.15	1.80±0.15
B	0.80±0.15	
C	0.80±0.15	
D	0.30±0.20	

Units: mm

■ Specifications

Part Number	Thickness A Size(mm)	Inductance(uH)		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
		Tolerance	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI1608F-47N□	1.60±0.15	0.047	60mV / 50M	10	50	50	0.30	260
FCI1608F-68N□	1.60±0.15	0.068	60mV / 50M	10	50	50	0.30	250
FCI1608F-82N□	1.60±0.15	0.082	60mV / 50M	10	50	50	0.30	245
FCI1608F-R10□	1.60±0.15	0.10	60mV / 25M	15	25	50	0.50	240
FCI1608F-R12□	1.60±0.15	0.12	60mV / 25M	15	25	50	0.50	205
FCI1608F-R15□	1.60±0.15	0.15	60mV / 25M	15	25	50	0.60	180
FCI1608F-R18□	1.60±0.15	0.18	60mV / 25M	15	25	50	0.60	165
FCI1608F-R22□	1.60±0.15	0.22	60mV / 25M	15	25	50	0.80	150
FCI1608F-R27□	1.60±0.15	0.27	60mV / 25M	15	25	50	0.80	136
FCI1608F-R33□	1.60±0.15	0.33	60mV / 25M	15	25	35	0.85	125
FCI1608F-R39□	1.60±0.15	0.39	60mV / 25M	15	25	35	1.00	110
FCI1608F-R47□	1.60±0.15	0.47	60mV / 25M	15	25	35	1.35	105
FCI1608F-R56□	1.60±0.15	0.56	60mV / 25M	15	25	35	1.55	95
FCI1608F-R68□	1.60±0.15	0.68	60mV / 25M	15	25	35	1.70	80
FCI1608F-R82□	1.60±0.15	0.82	60mV / 25M	15	25	35	2.10	75
FCI1608F-1R0□	1.60±0.15	1.0	60mV / 10M	30	10	25	0.60	70
FCI1608F-1R5□	1.60±0.15	1.5	60mV / 10M	30	10	25	0.80	55
FCI1608F-1R8□	1.60±0.15	1.8	60mV / 10M	30	10	25	0.95	50
FCI1608F-2R2□	1.60±0.15	2.2	60mV / 10M	30	10	15	1.15	45
FCI1608F-3R3□	1.60±0.15	3.3	60mV / 10M	30	10	15	1.55	38
FCI1608F-4R7□	1.60±0.15	4.7	60mV / 10M	30	10	15	2.10	33
FCI1608TF-100□	1.80±0.15	10.0	60mV / 2M	30	2	15	2.55	17

□: K=±10% , L=±15% , M=±20%

■ Q vs Frequency, DC Bias Characteristics (Typical)

